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TO: Deborah Lambkin
Location: REM-5C18
Art Unit: 1626
Thursday, September 16, 2004

Case Serial Number: 10/781263

From: Peggy Ruppel
Location: Biotech-Chem Library
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SEARCH REQUEST FORM

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Requester's Full Name: O. Lambkin Examiner #: 71300 Date: 9/15/04
Art Unit: 1626 Phone Number 302-0698 Serial Number: 10/781,263
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers; and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Pharmaceutical Composition for Angiotensin II-mediated diseases
Inventors (please provide full names): Inada et al

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please perform a ~~best~~ litigation search on reissue of 6,348,481.

Thank's

Ex. Lambkin _____

Request

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** SS 1: Results 1

Search statement 2

Query/Command : PRT SS 1 MAX 1

1 / 1 PLUSPAT - @QUESTEL-ORBIT

Patent Number :

US2001004640 A1 20010621 [US20010004640]

Patent Number 2 :

US6348481 B2 20020219 [US6348481]

Title :

(A1) Pharmaceutical composition for angiotensin II-mediated diseases

Patent Assignee :

(B2) TAKEDA CHEMICAL INDUSTRIES LTD (JP)

Patent Assignee :

Takeda Chemical Industries, Ltd., Osaka [JP]

Patent Assignee 2 :

(B2) TAKEDA CHEMICAL INDUSTRIES LTD (JP)

Inventor(s) :

(A1) INADA YOSHIYUKI (JP); KUBO KEIJI (US)

Application Nbr :

US75835501 20010112 [2001US-0758355]

Filing Details :

Divsn of US563855 20000504 [2000US-0563855]

Cont. of US287167 19990406 [1999US-0287167] (Abandoned)

Cont. of US883040 19970626 [1997US-0883040]

Divsn of US351011 19941207 [1994US-0351011]

C.I.P. of US254541 19940606 [1994US-0254541] (Abandoned)

Division of: US6228874

Continuation of: US5958961

Division of: US5721263

Priority Details :

US75835501 20010112 [2001US-0758355]

JP13552493 19930607 [1993JP-0135524]

US25454194 19940606 [1994US-0254541]

Lamblin Patent No. 6,348,481

US56385500 20000504 [2000US-0563855]
US28716799 19990406 [1999US-0287167]
US88304097 19970626 [1997US-0883040]
US35101194 19941207 [1994US-0351011]

Intl Patent Class :

(A1) A61K-031/415

EPO ECLA Class :

A61K-031/495 &M

A61K-031/54 &M

A61K-045/06 &M

A61K-045/06

US Patent Class :

ORIGINAL (O) : 514364000; CROSS-REFERENCE (X) : 514381000

Document Type :

Corresponding document

Citations :

US6040324; US6096772; US6201002; US6232334

Publication Stage :

(A1) Utility Patent Application published on or after January 2, 2001

Publication Stage 2 :

(B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001

Abstract :

This invention relates to a pharmaceutical composition for angiotensin II-mediated diseases, which comprises a compound having angiotensin II antagonistic activity of the formula (Chemical Structure image '1' not included in text)

wherein R1 is H or an optionally substituted hydrocarbon residue; R2 is an optionally esterified carboxyl group; R3 is a group capable of forming an anion or a group convertible thereinto; X is a covalent bond between the 2 phenyl rings or a spacer having a chain length of 1 to 2 atoms as the linear moiety between the adjoining phenylene group and phenyl group; n is 1 or 2; the ring A is a benzene ring having 1 or 2 optional substituents in addition to R2 ; and Y is a bond, --O--, --S(O)m-- (wherein m is 0, 1 or 2) or --N(R4)-- (wherein R4 is H or an optionally substituted alkyl group), or a pharmaceutically acceptable salt thereof in combination with a compound having diuretic activity or a compound having calcium antagonistic activity.

Update Code :

2001-26

Search statement 2

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Terms: **patno is 6348481 or patno is 6,348,481** ([Edit Search](#))

758355 (09) 6348481 February 19, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6348481

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[Link to Claims Section](#)

February 19, 2002

Pharmaceutical composition for angiotensin II-mediated diseases

REISSUE: February 19, 2004 - Reissue Application filed Ex. Gp.: 1614; Re. S.N. 10/781,263 (O.G. June 8, 2004)

APPL-NO: 758355 (09)

FILED-DATE: January 12, 2001

GRANTED-DATE: February 19, 2002


CORE TERMS: compound, optionally, substituted, alkyl, antagonistic, formula, angiotensin, calcium, capsule, composition ...

ENGLISH-ABST:

This invention relates to a pharmaceutical composition for angiotensin II-mediated diseases, which comprises a compound having angiotensin II antagonistic activity of the formula

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wherein R (1) is H or an optionally substituted hydrocarbon residue; R (2) is an optionally esterified carboxyl group; R (3) is a group capable of forming an anion or a group convertible thereinto; X is a covalent bond between the 2 phenyl rings or a spacer having a chain length of 1 to 2 atoms as the linear moiety between the adjoining phenylene group and phenyl group; n is 1 or 2; the ring A is a benzene ring having 1 or 2 optional substituents in addition to R (2); and Y is a bond, --O--, --S(O)m-- (wherein m is 0, 1 or 2) or --N(R (4))-- (wherein R (4) is H or an optionally substituted alkyl group), or a pharmaceutically acceptable salt thereof in combination with a compound having diuretic activity or a compound having calcium antagonistic activity.

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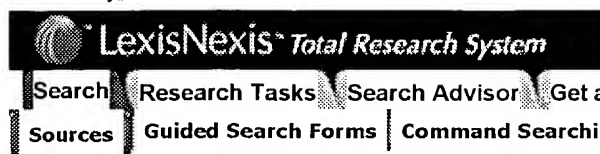
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